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Heavy Machinery
Repairs

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Richmond Iron Works Corporation

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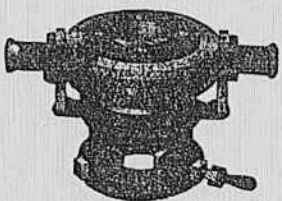


The advantages of "BEAVER" Die Stocks lie in the fact that they thread all sizes of pipe without changing dies; are adjustable, and are built on an easy working (receding die) principle which positively enables one man to thread any size of pipe, and produce absolutely tight joints for all work, including hot water.

They have stood the test of time under all conditions. They have proven that the cost of threading is cut square in two by requiring only one man instead of two or three, and saving the time of changing dies and the care of loose parts.

It is the economy and general satisfaction derived from their use that is responsible for the "BEAVER" factory being the largest in the world devoted exclusively to the manufacture of hand pipe threading devices.

The "BEAVER" principle is proven and remains unchanged, but we show herein desirable refinements suggested by experience.



All sizes cutting from 1-8 inch to 6-inch carried in stock by

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A Few Dollars Spent in Covering Your Bare Pipes Will Pay Big Money



There are hundreds of buildings—both business and residential—in Richmond that need to have the heating system made less expensive.

By covering the pipes with asbestos covering, a large per cent. of the heat now wasted could be saved and used, and the coal bills cut down almost fifty per cent.

Let us tell you all about it.

Southern Pipe Covering Co.

Richmond, Virginia

Shelton's Patent

"Ajax" Turbine

"The Twentieth Century Water Wheel."
The Greatest Power.
The Highest Speed.
The Highest Efficiency.

As superior to all that has gone before as the electric light is to the tallow candle of our fathers.

Write for Booklet A.

Shelton Water-Wheel & Machine Company,
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Stratton & Bragg Co.,

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Machinists and Engineers,
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Open daily from 10 A. M. to 5 P. M.
Admission 25c. Free on Saturdays.

VIEWS AND NEAR VIEWS

(Continued From First Page.)

will control the automobile trade of this part of the world, if not all parts of it. I suppose Detroit and other Middle West cities just rushed right in and were first to get on the automobile ground floor, and while automobiles are now being built in Richmond, and they are first-class machines, too, the Middle West is so far ahead it will be a long time, if ever, before Richmond and some of the cities of the Northeast catch up in the race.

There can be no doubt that the airship has come to stay, and it does not require much prophetic vision to see the time in the not distant future when the manufacture and sale of aeroplanes will be as gigantic a business as the building of automobiles now is, and the city that first gets well into the business will forever afterwards be the recognized headquarters for airships. There will be big fortunes for the men who make and sell them. Why should not Richmond and other Virginia cities be the ones to rush in on the ground floor. An aeroplane factory located along the banks of the upper James River would be a tremendously far-reaching advertisement for Richmond, especially if it should be the first big factory of its kind to be erected in the country. To some this may seem a far-fetched talk and visionary in the extreme. So also would have seemed similar talk on the automobile subject had I indulged in it fifteen years, or even ten years, ago.

Wanted Water Power.

In the creation of the same, the Maker and Builder of heaven and earth was lavish in the supply of water power in that part of the earth known as Virginia. It is not to the credit of the people who inhabit this part of the earth that at the beginning of the twentieth century 999 per cent more or less, of that water power is still going to waste. In but few places where these powers have been developed have they been fully developed and put to their utmost use. We may praise steam and boast of the greatness of electricity generated by steam as much as ever we may, but after all water power is in the end the most economical and the most satisfactory. And then water power can provide the electric force ten, twenty, fifty or a hundred miles from the stream that supplies the dam that holds the water, and thus any town in Virginia can become a manufacturing town of one kind or another. Such towns as have developed the water powers rushing by them to the sea have profited thereby and others can go and do likewise. Water power operates factories, factories convert the raw material into money and bring more people to town to buy stuff, rent or build houses and pay taxes. Virginia ought to be and can be the greatest manufacturing State on the map of the United States. It is to be hoped that the good year 1911 will see more water powers developed in this State than did 1910 or any previous year.

Gold Mining in Virginia.

The news from Fluvanna county is to the effect that two Northern syndicates have just purchased lands near Columbia that are said to be rich in the precious metal, and that these syndicates are making all of the necessary preparations and buying the needed machinery to go vigorously into the gold mining business in old Fluvanna. In the meantime other gold miners who have already commenced operations are greatly encouraged and are adding

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I have several good rooms open on Cruises to the Orient, West Indies and South America, and it will be well for those desiring these accommodations to make early application.

A number of large parties are now being made up for

sailings February 1st and 2d to BERMUDA, that most beautiful Island of Flowers. Ask Mr. Bowman about these delightful trips.

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"Ask Mr. Bowman"

708 EAST MAIN STREET, RICHMOND, VIRGINIA

Phone Madison 5154

Patronize Home Industry and Build Up Home Institutions.

to their machinery and are taking out quantities of ore that they believe to be rich in the yellow stuff.

In the olden time several big fortunes were made digging gold in Fluvanna and Goochland counties, and it begins to look as if history is going to repeat itself. It is said that the reason gold digging was abandoned in that region was because the precious metal was not thick enough in the rock to justify the expense of the costly machinery then required for its extraction. Now, however, new methods of saving the dust; methods that do not require so much cash and so much labor, are in vogue, and therefore the old mines can again be made to pay handsomely. Anyhow, the owners of some good Northern capital think so, and they are backing up their faith with the cash. Truly Old Virginia lands produce pretty much everything that is worth digging for, even gold in paying quantities. The indications now are that the old State's gold mines will be long be a source of wealth equal to its tobacco fields, its peanut fields and its corn and potato fields.

Look After the Fruit Trees.
The time is near at hand when the far-sighted Virginians who are actively engaged in the fruit growing industry will be busy in their orchards with their pruning and spraying. And otherwise looking after the trees that are to bring them wealth in the summer and fall.

An authority on the subject offers this timely advice:
"Prune your young Kieffer pear trees with a central stem and keep the tree in a pyramidal shape, starting the lower limbs near the ground and graduating the length of the side branches as they go upwards so as to maintain a pyramidal form. Grown in the usual way, the Kieffer makes long branches that hang over in a bad way. Shorten the top central shoot slightly, but prune the side branches closer. Peaches should have one-half of the last year's sprouts cut back and interfering shoots removed. The effort should be to keep up a supply of young wood all through the body of the tree, and prevent getting bare limbs with the fruit wood all out at the ends. Prune the peach trees just before the buds open in the spring, and always prune to a wood bud and not to a blossom bud. You can easily tell them apart in the spring, as the blossom buds are rounder and lighter in color."

The Old Time Pumpkin.
The Wisconsin Agriculturist tells of a small boy, and I judge by his picture which is given elsewhere, and which is used through the courtesy of that journal, that he is not over six or seven years of age, who last year made a goodly pile of pocket money by cultivating pumpkins in his mother's garden. Presumably he sold the results of his toil to the pie eaters of Milwaukee or Chicago.

I wonder what has become of the old Virginia pumpkins that used to be a great crop and one that brought in a good lot of money besides being valuable as feed for cows and other stock. In my travels I see and hear but little of them nowadays. Has the pumpkin ceased to be a profitable crop, or what is the matter? The Industrial Section would like to hear from some farmers on this subject.

Views in Brief.
Speaking about stock raising in the South Professor William Dietrich says: Cross-breeding, as generally practiced, has nothing in its favor and everything to be lost, while pure breeding or grading has everything in its

favor to be gained and nothing to be lost.

A few light snows in January used to be a certain guarantee of a big wheat crop in Virginia to be harvested in June. The little snow storm which was spread all over Virginia last week is worth many hundreds of dollars to Virginia wheat makers.

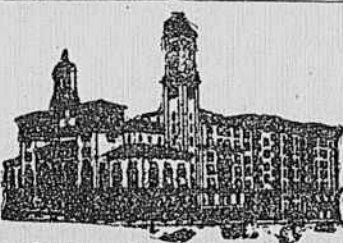
Everybody does not know it, not even everybody in Richmond, but it is a fact nevertheless that the largest blotting paper factory in the world is located on the banks of the James in this city.

Petersburg, Norfolk, Suffolk, Waverly, Wakefield and Emporia have all the Virginia peanut factories. Can anybody advance a good reason why Richmond should not have a few?

The great baseball supply house of Spaulding has a big contract with a Richmond wood-working concern for baseball bats, and thus another Richmond product goes all over the United States.

The big chicken show which the Virginia Poultry Association recently pulled off in this city gave ample evidence that poultry raising is a great

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JOHN MURPHY, Manager.
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paying industry in this State, and can be made much greater one.

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